

Amendments to the Specification

Page 23, please replace the paragraph spanning line 17 through page 24, line 1, with the following rewritten paragraph:

The polymer derivatives having UCST (each of which may hereinafter be called “UCST polymer” simply) are preferably those obtained by charging the acrylamide or methacrylamide and the biotin monomer of the invention at a ratio (molar ratio) of the former to the latter ranging from 3 to 30. The UCST can be measured by dissolving the resulting polymer in water or saline, pouring the solution in a quartz cell, exposing its light channel to a light from a light source of 500 nm and studying the relation between the transmittance and temperature.